M

DEVELOPMENT- **(195 ..) Department.**

SERIES.

G.O. No. 4696

Dated 6-4-1948

[Despatch Abstract.]

Agriculture - Grow More Food - Cultivation of Lands in Saltaire areas - Question in the Central Assembly - Further action papers - Recorded.

No.118-Accts/47
Government of India
Department of Agriculture
New Delhi, the 27th February, 1947.

From

A.N.Bery, Esquire, B.A.,
Assistant Secretary to the
Government of India,

To

The Secretary to Government
of Madras, Development Department,
Madras.

Sir,

I am directed to forward for the information of the Provincial Government a copy of a question asked by Mr. Ahmed E.H.Jaffer in the Legislative Assembly on the 17th February, 1947, and the reply given thereto teogether with the supplementaries, and to request that the possibilities of the cultivation of lands in the deltaic areas, may, if the Madras Government see no objection be considered.

I have the honour to be,
Sir,
Your most obedient servant,
Sd.A.N.Bery,
Assistant Secretary to the Government of India.

Development Department.

Endt.No.22033 A III/47-1 dated 15-3-1947.

Referred to the Director of Agriculture for remarks in consultation with the Chief Engineer (Irrigation) on the the possibilities of increasing area and production in deltaic areas in this province by reclamation of lands, early issue of water, provision of drainage facilities manures, seeds etc. The position in regard to area and production in the deltairc areas in the last five years may be reviewed and suggestions made for further stimulation. The reply should be submitted through the Board of Revenue.

Sd...
17/3/47.

Note: In this Province we have already bestowed attention to the question, example.reclamation of Pattukkottai area new irrigation prospects, seed multiplication free or concessional supply of green manure, Ammonium Sulphat etc. The draft above may issue.

Sd....
14/3/47.

/True Copy/

Copy of a question asked by Mr. Ahmed E.H. Jaffer, in the Legislative Assembly and the reply given thereto.

QUESTIONS.

*Mr. AHMED E.H. JAFFER: (a) Will the Secretary of the Food Department make a comprehensive statement to the house on the failure of Indian Food Supplies for the past year and since the end of the war?

(b) Will Government explain that despite the fact that the war ended nearly 2 years ago, and while during the war, there were great army requirements for food stuffs, storage, wastage of food, damage of food, destruction of food, want of transport for food, want of labour and other war time conditions - these factors being no longer potent and have mostly disappeared, yet the food supplies, especially rice, are more sort than ever, resulting in untold hardships on the people?

(c) Will Government explain to the house why the Deltaic plains of India have not been stimulated into producing the necessary quantity of rice for the starving population of India?

(d) Have Government worked out a policy for the stimulation of the Deltaic plains for the production of increased quantities of the rice in future years, instead of relying on imports of this important item of food?

ANSWERS.

*SIR P.M. KHAREGAT

(a) A comprehensive review of the food position was given to the House during the last session of the Assembly and a Memorandum bringing the position upto-date has been circulated at the beginning of this session.

(b) ~~Beofre~~ Before the war India used to import rice to the extent of about 1½ million tons per annum. Since then the population has probably increased by approximately 30 million. The situation was met in 1942-45 by increased production in India but in 1946 both Kharif and the rabi crops were bad in the greater part of the country and there was short fall estimated at about 6 million tons. It was also difficult to obtain supplies from abroad, as world production and distribution had not recovered from the devastation and dislocation caused by the war. The Government of India succeeded in obtaining imports of 2½ million tons during the year which included 325,520 tons of rice.

(c) The whole Of India, including the deltaic plains have been stimulated to produce as much grain as possible.

(d) Targets for increased production, for the works to be constructed, and the supplies to be made available for the purpose have now been fixed in consultation with the provinces and special arrangements are being made for the purpose. But it has to be pointed out that there is an acute shortage of materials and that the bringing of uncultivated land into cultivation in deltaic areas, involves measures against the encroachment of salt water or for reducing the intensity of flood waters. The construction of embankments for the purpose often results in damage to larger areas in the upper regions of the rivers. In the circumstances, there are practical difficultires and the progress has been slow but wherever praticable works are undertaken to encourage the production of foodgrains in these areas.

/ True Copy /

Mr. Ahmed E.H. Jaffer; What is the period during which the population is supposed to have increased by 30 millions and what are the causes of such an increase?

Mr.President: The Honourable Member may answer about the period only.

Sir Pheroze Kharegat: 1941 was the year of the census and it is presumed that roughly, there has been an increase of about 5 million people per year. That means 30 millions in six years.

Mr.Ahmed E.H. Jaffer: I only wanted to know the cause by which the population has been increased. Has the population been increased by importing people from abroad?

Mr. President: That is outside the scope of the question.

Shri Sri Prakasa:With reference to the answer to part (c) of the question may I ask is the use of rice is provocative to the increase of population?

Mr. President: Mr. Gounder.

Sri V.C.Villingiri Gounder: In view of the very poor return of the last year from the gorw-more-food-campaign, may I ask what suggestions government are going to make for the improvement in the coming grow-more-food campaign, which Government is going to finance for another five years?

Sir Pheroze Kharegat: Government have already announced that they propose to continue the gorw-more-food campaign for another five years; but the question of the finance to be made available for the purpose is still under consideration.

Sardar Mangal Singh: May I know whether the Government of India have considered the proposal of collective farming as a method of increased production along with the grow more food campaign?

Sir Pheroze Kharegat: The matter has certainly been considered and various practical difficulties are expected in implementing the proposal. But there is a definite concrete proposal to take up an experiment in this in a selected area and to try it out on a practical scale and see how the difficulties are going to be overcome.

Dr. Uddin Ahmad: Is the Honourable Secretary in a position to give us an assurance that the additional amount of food which can be produced in this country by virtue of the improved method of cultivation and the increase in the cultivable land will be at least 1½ per cent more than what we have been producing, because the increase in population has been 1.4 percent?

Sir Pheroze Kharegat: I can only give my personal opinion on the subject, as I have stated more than once beofre, if all the facilities that are required for increased production can be made available in the shape of money, materials and men and a guarantee in respect of prices, it is perfectly possible for India to become self-supporting within a period of five to ten years.

Sreejut Rohini Kumar Chadhuri: May I ask if the Government has considered that a propaganda or a campaign of eating less food is more effective than the grow-more-food campaingn?

Sir Pheroze Kharegat: I am afraid that when people are already starving or living on the border-line of starvation, it is not possible to ask them to eat less food.

Sir V.Gangaraju: May I know whether the Government knows that the reason for not producing more paddy is the low price offered to the producer?

Sir Pheroze Kharegat: That Sir, is a matter of opinion.

(ends)

AGRICULTURAL DEPARTMENT.

From
M.S.Sivaraman,I.C.S.,
Director of Agriculture,
Chepauk, Madras.

To
The Secretary to Government,
Development Department,
Madras.

Through
The Secretary to the Commissioner of Civil Supplies and Separate Revenue, Madras.

D.Dis.E.1-590-47dated 19-3-48.

Sir,

Sub:Agriculture - Grow More Food - Cultivation of lands in deltaic areas - question in Central Assembly - Report on.

Ref:(1) Government Endorsement No.22036-A-III/47-i-Development Department dated 15-3-47.
(2) Board's Ref.Z.2110-47-8 dated 25-2-48.

The question asked by Mr. Ahmed E.H.Jaffar in the Indian Legislative Assembly on 17-2-47 relates mainly to the policy of stimulating the deltaic plains of India for producing the necessary quantity of rice in future years in such quantities as to make India self-sufficient in food. The Government of India, while communicating the question and the answer thereto,desired that the Provincial Government should consider the possibility of cultivating more lands in the deltaic areas. As instructed by Government in the reference cited above, I give below a short account of the present position regarding area and production in the deltaic areas of this Province with special reference to the activities of the Irrigation Department and the Agricultural Department.

2. The deltaic areas where the major part is under paddy comprése (a) the Cauvery delta and (b) the Godavari delta. There is a comparatively smaller area under paddy watered by Periyar and Thambaraparani river systems in the Madura and Tinnevelly Districts respectively. A major portion of Kistna District and a few taluks of Guntur District comprise the Kistna district delta where paddy is extremely grown with the waters of the Kistna river.

3. Activities of the Irrigation Department.

(a) The Cauvery delta:- As the area irrigated in the old delta has almost reached the maximum limit, no large extension of cultivation is possible. Neverthelsess,several small irrigation schemes have been carried out in the few years which aimed at production of more food grains from the existing area cultivated. A list of such small irrigation schemes is furnished in Appendix I enclosed.

Extension of area under the second crop paddy by early delt issue of water is also being attempted. In the coastal areas of the delta schemes for drainage improvements costing Rs.29-3 lakhs have been recently sanctioned and the work has been taken up for execution. It will take some years before the works are completed and the results are known.

In the new delta of the Cauvery the area under irrigation was increased by 40,000 acres during 1944-45 and by 15,000 acres during 1945-46. The execution of the Narrasinga Cauvery Scheme is expected to add another 5000 acres more to the area under irrigation. With regard to the Upper reaches of the delta, two new Schemes viz (i) the Pullambadi Scheme and (2) the New High Level Channel, have been investigated and estimates are taken in hand. These works, if sanctioned and completed, are expected to bring an additional area of 60,650 acres under irrigation.

(b) The Godavari Dleta. In pursuance of the Grow More Food Campaign and the schemes sanctioned and executed, about 20,000 acres in the Godavari Central Division, 14,000 acres in the

Godavari Eastern Division and 7,400 acres in the Godawari Western Division were already brought under irrigation. Of the irrigation schemes taken up so far, an area of about 7,970 acres is intended for reclamation of coastal lands and providing irrigation facilities for these lands by extending existing channels. In all these schemes, necessary flood banks and outfall sluices on tidal creeks and drains have been provided as a measure of provision of lands from submersion by salt-water from the sea.

The first group paidy reason in the Godavari delta generally commenced from 1st June when all the canals are opened. But the water-supply will be sufficient only to raise seed beds. ~~The~~ The transplantation period commences from 15th June or from the time of first freshes in the river when there will be plentyful water supply in the canals. Under the circumstances, there is neither possiblity new material advantage by the early issue of water in the irrigation system of the delta.

All the drainage facilities in the three divisions of the delta such as repairing major and minor drains and bringing them to standards so as to avoid submersion and loss of crop are being attended to by the Irrigation department and improvements to drains are also effected.

4. Activities of the Agricultural Department.

The main work of the department towards increasing the output of food grains from the existing cultivated areas consisted in distribution of high yielding improved strains of seeds for sowing and distribution of manures such as chemical fertilizers, oilcakes, composts and gress manures. The practice of intensive manuring and sowing departmental improved strains of seeds result easily in increasing production per acre by 10%, it is estimated that in the Cauvery delta nearly 90% of the area under paddy is already under improved varieties of the department. Similarly in the Godavari and Kistna Deltas 50 to 70% of the area under paddy is covered by departmental strains.

The work done by the Agricultural Department in increasing production of food grains during the past 5 years in the deltaic districts of East Godavari, West Godavari, Kistna, Guntur, Tanjore and Madura by the distribution of improved seeds, manures etc is furnished in the statements enclosed.

5. The following suggestions are offered for extending the area under paddy in the Cauvery delta and for increasing the yield in the ~~xxxxx xxxx~~ existing areas.

(i) If more water could be supplied to areas beyond Nagadi Extension Channel in the Arantangi taluk, it may possible to bring about 10,000 acres mere under paddy in the Cauvery Mettur Project area.

(ii) In the old delta, there are ill-drained water-logged areas in the coastal taluks of Tiruturaipundi, Nagapatam, Mayavaram, Shiyali and Portions of Nannilam. The single crop paddy raised in these tracts yield very poor returns. If the drainage problems in these areas are successfully tackled, it is expected that the yield of paddy can be more than doubled.

(iii) Cultivation of Kuruvai (short duration) paddy early in June increases the yield of the crop. In order to facilitate transplantation during first week of June when water is let in the canals, the cultivators should raise nurseries in seed beds during May by the help of a water from wells. If sufficient number of wells in the wet lands are dug so as to raise and keep ready Kuruvai nurseries for transplanting immediately water is received in the channel, an increase in yield ranging from 10% to 15% will be obtained. To achieve this end, ryots may be given a subsidy and encouraged to dig wells.

(iv) Nearly a lakh of acres are held as property of temples and religious institutions. These lands are leased out for cultivation to hereditery lessees at very lowe rates. Cultivation is done in a haphazard manner and the yields from these lands are

very low. If these lands are cultivated under departmental supervision by proper manuring and use of improved seeds for s sowing, there will be an increase in the total output from these lands.

C.VIJAYARAGHAVAN,
For Director of Agriculture.

/True Copy/

Advance copy to:- The Secretary to the Government,Development Department Madras.

Thex

/ True Copy/

SD.GAZETTED ASSISTANT.

To A.S.

Pp.12-14 above may be perused.

2. The Boards remarks on the Director of Agriculture's letter may be awaited till 16-4-48.

Sd...

/True Copy/

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STATEMENT.

Statement showing the Gorw More Food Schemes sanctioned and completed in various Divisions in Tanjore Circle during the last 5 years for increasing areas and production.

Sl. No.	Name of work.	Amount of Estimate.	Authority for Sanction.	Area benefited.	Extra yield of food grains expected.		Remakrs.
	CAUVERY DIVISION.						
1.	Previding (a) direct source of supply to Kennakadungalur drain from Gauvery and (b) drainage improvements to Angudi and Pasar lands.	15,000 14,000 29,500	G.O.No.Ms. 4223, P.W. 15-11-42.	(a) 2,680 (b) 364	(a) 800 tons (b) 100 tons		
2.	Previding direct source of Irrigation from Cauvery to Nadupadugai lands between Cauvery and Kodamurutti regulaters.	1,82,050/-	G.O.No.401 D/4-3-43.	1,879	1,500	tons	
3.	Increasing the ventway of sluice in Upland drainage channel for Thogur lands.	400		50	38		
4.	Improvements to supply to Kovilady inam lands by giving supply from Kovilady Thirappu channel.	60		640/	480	tons	
5.	Excavation of a channel for irrigation lands in Vanarangudi village.	46,600	G.O.No.Ms. 2387-d/ 24-8-44.	246	250	tons	
6.	Excavating the Maruthangudi channel for irrigating certain lands in Mayavaram and Shiyali taluk.	13,015	G.O.No. Ms.406/- dated 24-8-44	443	443	tons	
7.	Previding irrigation facilities to Agara Elathur Village in Shiyali Taluk.	1,330	S.E's No. 50-c-D/ 21-1-44.	22	22	tons	
8.	Shifting the head of Kovilady thirappy channel of Cauvery to above Cauvery regulator at Grand Anicut.	9,900	C.E.I's No. 869-44-B-2 dated 17-4-44-	224	199	tons	
9(a)	Providing direct source of supply to Pillai Veikal No.2 from Cauvery and (b) Excavating a straight cut for the drainage of Adappampallam lands from the existing glap outlet to the Cauvery.	(a) 9,500 (b) 7,350 16,930	G.O.No. Ms.1545/- dated 29-5-44.	1032 50	464 38	tons	
10.	Constructing a notch across Cauvery Agaram Channel in Vanagiri limits.	170	Sanctioned by the Executive Engineer.	60	50	tons	C
11.	Constructing a surplus dam at Karukkakattu edappu inpoorambur channel.	850	-do-	287	167	tons	C
12.	Restoring the distributary and piping open off-takes for improving irrigation in Nemmeli village Nannilam taluk.	410	Sanctioned by the Executibe Engineer.	84	64	tons	C

C = Completed.

VENNAR
~~TEENAR~~ DIVISION.

1	2	3	4	5	6	
13.	Providing Irrigation facilities to lands in Vallam-Perambur Nagathi etc.villages from Pillai Veikal No.3.	55,700	G.O.Ms. 1233 P.W. D/1-5-44 ..	712	195 tons	
14.	Providing irrigation facilities to lands in Rajendran & Narasanayakapuram Villages from Rajendram Channel.	23,290	G.O.Ms.No. 1181/-D/- 24-4-44.	268	75 tons	
15.	Providing irrigation facilities to lands in Parathaparampuram etc.villages under Kaverikondanar.	43,125	G.O.No.Ms. 1702/-D/- 14-5-44.	392	112 rons	Complet

GRAND ANICUT CANAL DIVISION.

16.	Providing irrigation facilities to lands in Arantangi taluk under Tiruvappadi channel.	8,800	G.O.No. Ms.1936 dated 17-9-43.	432	229 tons	Completed.
17.	Providing irrigation and drainage facilities for lands in Kambayanatham villages and abandening Motteri tank in Papanasam taluk.	21,500	G.O.No. Ms.1446/- dated 19-5-44.	140	140 "	%

SOUTH ARCOT DIVISION.

18.	Excavating a channel on the right side of Vadakkandal Anicut across Gomuki river to feed 7 rain fed tanks.	97,500	G.O.No. Ms.2741 dated 3-10-44.	740	555 "	"
19.	Giving irrigation facilities to dry lands in Karungadi village from Vadavar, ChidambaramTaluk.	1,037	C.E.I's No.2988-43-B.E.P dated 18-1-44.	82	82 "	"
20.	Improvements to the Karungaler drain by extending the Coleroon flood bank and providing drainage outlet.	16,000	G.O.Ms. No.1578-P.W. D/- 1-6-44.	1,437	100 "	"

RIVER CONSERVANCY DIVISION.

21.	Constructing a sluice at 3/7 of North Bank Canal for providing irrigation facilitees to M.Puthur lands.	3,000	Approved in S.E.'s No.1443-I/ 5.9-44	136	80 "	"
					6,145 tons.	

/True Copy/

SD.GAZETTED ASSISTANT.

/True Copy/

Distribution of manures in tons.	1942-43	1943-44	1944-45	1945-46	1946-47
Groundnut cake.	..	38	2	1323	1
Caster cake.	..	-		19	
Bonemeal..	..	4	31	13	
Amenium Sulphate.	..	-	18	84	
Distribution of seeds in tons.					
Paddy seeds of improved strains	2	2	2	322	
Green Manure Seeds.	2	2	2	27	
Grant of Takkavi loans to ryots.					
For purchase of seeds and manures.....	...	Rs.3430/-	Rs.4045/-	Rs.171205/-	37

/True Copy/

SD.GAZETTED ASSISTAN

A statement showing the distribution of seeds manures and Takk loans for the last 5 years is furnished hereunder.

East Godavari, West Godavari and Kistna Distri

Particulars	1942-43	1943-44	1944-45	1945-46	- 1946-47.
West Godavari District.		Tons-Lbs	Tons Lbs	Tons--Lbs.	
Oil cakes.		3472--840-	4826-1207	10437--192	
Chemical manures.		530-917	1085-891	1211-259	
Takkavi Loans.	Rs.8,183/-78,925/-		Rs.3,60,875/-	Rs.6,42,415/-	Rs.3195
Kistna District	Tons.	Tons.	Tons.	Tons.	Tons.
Oil cakes.	4923	3905-	6822	6453	12,758
Chemical manures	—	—	359	322	410
Paddy seeds.	187	134	1727	974	530
Takkavi loans.	1,50,000/	5,66,000/-	Rs.7,50,000/-	Rs.7,90,000/-	Rs.6,20,00
East Godavari District.	T. lbs	T. lbs	T.lbs.	T. Lbs.	T.Lbs.
Oil cakes.	741--1353	9017--6	3353--2080	6467-1319	8533-629-
Othermanures	57-- 320	151-247	530-- 472	822-1620	497-795- /49
Paddy seeds	767--607	865-1214	297--532	653- 972	540-1764-
Takkavai loans.	Rs.2,704/-	Rs.1,66,825/-	Rs.3,95,725/-	Rs.7,85,678/-	Rs. 513,945/-

/True Copy/

ASSISTANT.
3-1948.

C.M. P.Area.

THE CAUVERY DELTA--TANJORE DISTRICT.

	1944--45	1945--46	1946--47	1947--48.
1. Area reclaimed.	52,000 acres	15,000 acres	3000 acres	3000 acres.
Date of opening the C M.P.Canal.	25th May 1944...	1st June 1945	1st July 1948.	1st June 1947.
2. Distribution of: Ground Oilcake	502 tons--556 lbs.	T.580-1140 lbs	T.560--160 lbs	T.891--1793 Lbs.
Ammonium sulphate.	140 tons-1440 ".	185- 28 "	223--353 "	391--1262½ ".
Ammonium Phosphate	14 tons 44 ".	11-2000½	42--2207 "	42--820½ ".
Buper Phosphate		10-1414	15--1793 "	21--1568 ".
Bonemeal and smews	8 tons 3040 ".	6- 776	4--1040 "	1--1608½ ".
Green manure seeds	21 tons 1456 ".	571- 960 [Free issue]	20--1582 "	25--1070 ".
Paddy seeds.	327 tons 1755 ".	250-670	261--920 "	174--1254 ".
Vegetable seeds.	31 lbs. 455 packets	34 lbs 211 packets	461bs-438pkts	46 lbs. 468 pockets.
3. Area under Paddy Crops.	1,76,539 Acres.	1,77,692 Acres.	1,77,792 Acres.	178,270 Acres.
Area under Maize	419 "	469 "	582 "	603 " .
Area under Ragi	563 "	673 "	731 "	823 " .
Area under Varagu	500 "	500 "	544 "	586 " .
Other cereals.	193 "	214 "	235 "	294 " .
4. Amount of Takkavi Loans for the purchase of seeds, manures and implements issued.....	Rs. 1,25,000/-	Rs. 1,28,475/-	Rs. 72,180/-	Rs. 68,460/-

/ True Copy/

D. GAZETTED ASSISTANT.

KP/

C.M.P.area.

S.No.	Particulars.	1942-43	1943-44	1944-45	1945-46	1946-47
1.	Approved Seeds distributed-paddy	3,64,317 lbs.	7,60,814 lbs.	20,16,663 lbs	5,83, 410 lbs.	7,59,120 lbs.
2.	Green manure area (in acres)	1,77,402 lbs.	2,04,952	1,85,198	1,55,337	61,846
3.	Goan amounts distributed for the purchase of a) Seeds and manures	Rs.29,999/8/0	Rs.1,32,281/--	Rs. 1,00,587/-	Rs.1,47,795/-	Rs.1,02,280/-
	b) implements.	Rs. 999/-	RRs. 666/-	Rs. 680/-	Rs. 60/-	Rs. 500/-
4.	Distribution of manures.					
	a) Oil cakes.	3,747 tons	1,024 tons	1,704 tons	3,426 tons	7,803 tons
	b) Fertilizers and Other manures..	277½ "	42½ "	1,500¾ "	1,013 "	1,701 "
5.	Area under seed farm					
	a) Paddy (in acres)	2,500--00	6,635--55	2,371--000	2,495--00	1,990--00
	b) Green manure (*)	***	***	***	***	9,354--00

/ True Copy /

KP/20/8/-.

SD.GAZETTED ASSISTANT.
24-3-1948.

GROW MORE FOOD WORK DONE BY THE AGRICULTURAL DEPARTMENT IN THE PERIYAR AND THAMBARAPARNI TRACT.

DETAILS.	1942-43	1943-44	1944-45	1945-46	1946-47	Remarks.
	Tons. Lbs.	Tons. Lbs.	Tons. Lbs.	Tons. Lbs.	Tons. Lbs.	
1. Distribution of Improved varieties of seeds of food crops -Periyar area	37-1276	87-488	84-1734 1/2	307-1859	343-468 1/2	
Thambaraparni area. ...	38-2105	36-890	148-1010	648-139	784-2146	
2. Distribution of Manures- Oil ckaes Fertilizer and others.	..	..	..	...	....	
Periyar area.	..	3413-0 6,458.70	2318-0 3,413-0=0	6458.70 2,318-00	1,4,872-1625 1/2	
Thambaraparani area.			1,453 -1,546	4,250-00	8,231-268	
3. Distribution of green manure seeds.						
Periyar area.	17-301	11-1580	13-1380	19-1146	23-1298	
Thambaraparani area.	8-39	6-868	12-1876	21-1086	10- 536	
4. Takkavi loans granted. Periyar area.	Rs.25000/-	Rs.1,00,000/-	Rs.1,75,00/-	Rs.1,39,710/-	Rs.48,260/-	
Seeds and manures Thambaraparni.	6,800/-	25,000/-	24,254/-	25,000/-	11,070/-	
5. Agricultural Implements:-						
Periyar Area.	470-8-0	....	5160-	1,280/-	813/-	
Thambaraparani.	200-0-0	....	2,000/-	1,000/-	1,000/-	

Sd.....
GAZETTED ASSISTANT.

/True Copy/

Sd.....
FOR SECERETARY.(JOINT)

REVENUE DEPARTMENT.

ABSTRACT.

Agriculture - Grow More Food - Increasing - Area and production in Deltaic areas in Madras Province - by relcamation of lands etc - Report - Submitted.

B.P.Rt.No.3784.

Station: Madras. Dated 8-6-1948.

From

C.A. Ramakrishnan Esq., ICS.,
Joint Secretary/of Revenue. Board

V.S.Hejamadi Esq., ICS.,
Commissioner of Civil Supplies & Separate Revenue.

Read: Government endorsement No. 22036 A3/47-1, Dev. d/13-3-1947.
2.From the Director of Agriculture, D.Dis.No.E.1.590/47 d/ 19-3-1948.

Resolution:

Submitted to the Government with reference to their endorsement cited above.

2. The several steps taken to be increased in the food production in the Madras Presidency are detailed in the letter from the Director of Agriculture cited above.

3. The following four suggestions have been made by the Director of Agriculture for improving the food Production in the Cauvery Delta Area.

(a) Extension of Nagadi channel.
(b) Tackling the drainage problem in coastal areas of the Cauvery Delta.
(c) Digging wells in wet lands so as to raise and nurture Kuruvai seedlings (II crop) in advance of the Cauveri Mettur Project water being let in canals in the first week of June and grant of subsidies to ryots to encourag the well sinking scheme.
(d) Bringing the lands owned by temples and religious institutions under the supervision of the Agricultural Department.

4. As regards the extension of the Nagadi Channel the Board submits that the Chief Engineer, Irrigation may be consulted as there are no previous papaers relating to it pending in the Board's Office.

5. As regards (b) in para 3 above, the Government have sanctioned the execution of 12 key schemes and the orders of the Government regarding the staff recommended by the Board in its reference No. H.3244/47 dated 1-3-48 are awaited.

6. In regard to (c) in para above the Board submits that experience has shown that if Kuruvai cultivation is advanced by at least a month it would not only result in yielding better crops but also in saving considerable portions of grains, which would otherwise suffer damage if rains in October to December. Kuruvai crop comes up for harvest in Tanjore District from the middle of November. Therefore, by advancing the cultivation season, viz, by the transplanting the seedlings in the first week of June the harvest could be made to escape damage during the rainy season. The only method by which this could be achieved when there is no water in the canal prior to June, in by raising the nurseries with the help of well water.

The Board also submits that this need not be mixed up with the wells subsidy scheme of 1948-49, for, under the subsidy scheme a well has to be dug at least 8 yards in depth and should have not less than 9" of water even during the height of summer. Such a big and costly well is not needed.

11. Under the wells subsidy scheme only foodcrops should be grown on the land for the next 3 years following the grant of subsidy, whereas the sinking of wells in these cases purely for raising nurseries sufficiently in advance of the date of letting in water in the Cauvery tanks. This may form the subject of a subsidiary scheme under the wells Subsidy Scheme of 1948-49. But the conditions may be made to vary to suit the requirements of this new type of well. It would suffice if the well has diameter of about 6 feet and sunk to not more than 20 feet. The well may be expected to cost not more than Rs.300/ would be enough if a maximum subsidy of Rs.150/- is granted f each well. To start with a target of 2,000 wells can be fixe for 1949. A sum of Rs. 3 lakhs (Rs. 150 x 2000) may be set a for giving subsidy for this prupose. If the Government appr this suggestion, the Collector of Tanjore will be asked to fo the conditions and other detials for working out the scheme. It will not be possible to sink wells after June 1948 till ab June 1949. If the Government are agreeable to finance for th work, this question will be considered in detail.

7. As regards item (d) in para 3 above, the Board agrees with the Director of Agriculture that the lands belor to temples and religious institutions could be made to yield a better outturn than now by proper supervision. As this is matter directly under the supervision of the Hindu Religious Endownment Board, the Board is consulting the president of th Endownment Board whether it would be possible to place their owned by temples and religious institutions under the supervi of the Agricultural Department or in the alternative to take services of trained Agricultural Demonstrator to advise them the right type of cultivation.

Sd.....
For Joit Secretary.

To

The Secretary to Government, Development Department.

/True Copy/

Copy of letter No.D.Dis.E.1.590/47 d/19-3-48 from the Director of Agriculture, Madras.

Sub: Agriculture - Grow More Food - Cultivation of lands - in deltaic area - Question in Central Assembly - Report on.

Ref: Govt.Endorsement No.22036 - A -III/47-1 Development Department dated 15-3-47.
2.Board's Ref.Z.2110-48-8 dated 25-2-48.

The question asked by Mr. Ahmed E.H. Jaffar in the Indian Legislative Assembly on 17-2-47 relates mainly to the policy of stimulating the deltaic plains of Indian for producing the necessary quantity of rice in future years in such quantities as to make India self-sufficient in food. The Government of India while communicating the question and the answer thereto, desired that the Provincial Government should consider the possibility of cultivating more lands in the deltaic areas. As instructed by the Government in the reference cited above, I give below a short account of the present position regarding area and production in the deltaic areas of this Province with special reference to the activities of the Irrigation Department and the Agricultural Department.

2. The deltaic areas where the major part is under paddy comprise (a) the Cauvery delta and (b) the Godavari delta. There is a comparatively smaller area under paddy watered by Periyar and Thambaraparni river systems in the Madura and Tinnevelly Districts respectively. A major portion of Kistna District and a few taluks of Guntur District comprise the Kistna delta where paddy is extensively grown with the waters of the Kistna river.

3. Activities of the Irrigation Department.

a) The Cauvery delta: As the area irrigated in the old delta has almost reached the maximum limit, no large extension of cultivation is possible. Nevertheless, several small irrigation schemes have been carried out in the past few years which aimed at production of more food grains from the existing area cultivated. A list of such small irrigation scheme is furnished in Appendix I enclosed.

Extension of area under the second crop paddy by early issue of water is also being attempted. In the coastal areas of the delta schemes for drainage improvements costing Rs.29.3 lakhs have been recently sanctioned and the work has been taken up for execution. It will take some years before the works are completed and the results are known.

In the new delta of the Cauvery the area under irrigation was increased by 40,000 acres during 1944-45 and by 15,000 acres during 1945-46. The execution of the Narasinga Cauvery Scheme is expected to add another 5000 acres more to the area under Irrigation. With regard to the Upper reaches of the delta, two new schemes viz (1) the Pullambadi scheme ~~scheme~~ and 2) the New High Level Channel, have been investigated and estimates are taken in hand. These works, if sanctioned and completed, are expected to bring an additional area of 60,650 acres under irrigation.

b) The Godavari Dleta. In pursuance of the Grow More Food Campaign, and the schemes ssanctioned and executed about 20,000 acres in the Godavari Central Dicision, 14000 acres in the Godavari Eastern division and 7,400 acres in the Godavari Western Division were alreadybrought under irrigation. Of the irrigation schemes taken up so far, an area of about 7970 acres is intended for reclamation of coastal lands and channels or providings new channels. In all these schemes, necessary flood banks and outfall sluices on tidal creeks and drains have been provided as a measure of prevention of lands from submersion by salt-water from the sea.

The first crop paddy season in the Godavari delta generally commences from 1st June when all the canals are opened. But the water supply will be sufficient only to raise seed beds. The transplantation period commences from 15th June or from the time of first freshes in the river when there will be plentiful water supply in the canals. Under the circumstances, there is neither possibility nor material advantage by the early issue of water in the irrigation system of the delta.

All the drainage facilities in the three divisions of the delta such as repairing major and minor drains and bringing them to standards so as to avoid submersion and loss of crop are being attended to by the irrigation department and improvements to drains are also effected.

4. Activities of the Agricultural Department.

The main work of the department towards increasing the output of food grains from the existing cultivated areas consisted in distribution of high yielding i mproved strains of seeds for sewing and distribution of manures such as chemical fertilisers, oilcakes, composts and green manure. The practice of intensive manuring and sewing departmental improved strains of seeds result easily in increasing production per acre by 10%. It is estimated that in the Cauvery delta nearly 90% of the area under paddy is already under improved varieties of the department. Similarly in the Godavari and Kistna Deltas 50 to 70% of the area under paddy is covered by departmental strains.

The work done by the Agricultural Department in increasing production of food grains during the part 5 years in the deltaic districts of East Godavari, West Godavari, Kistna, Guntur, Tanjore and Madura by the distribution of improved seeds manures etc is furnished in the statements enclosed.

5. The following suggestions are offered for extending the area under paddy in the Cauvery delta and for increasing the yield in the existing areas.

i) If more water could be supplied to areas beyond Nagadi Extension Channel in the Arantangi taluk, it may possible to bring about 10,000 acres more under paddy in the Cauvery Mettur Project Area.

ii) In the old delta, there are ill-drained water logged areas in the coastal taluks of Tiruturai pundi, Negapatam, Mayavaram, Shiyali and portions of Nannikulam. The single crop paddy raised in these tracts yield very poor returns: If the drainage problems in these areas are successfully tackled, it is expected that the yield of paddy can be more than doubled.

iii) Cultivation of Kuruvai (short duration) paddy early in June, increases the yield of the crop. In order to facilitate transplantation during first week of June when water is let in the canals, the cultivaters should raise nurseries in seed beds during May by the help of water from wells. If the sufficient ~~number of wells in the wet lands -dug so as to raise and keep ready kuruvai in the nurseries for transplanting immediately to dig wells.~~

~~iv) Nearly a lakh of acres are held as property of temples~~
number of wells in the wet lands are dug so as to raise and keep read kuruvai nurseries for transplanting immediately water is received in the channel, an increase in yield ranging from 10% to 15% will be obtained. To achieve this and ryots may be given a subsidy and encouraged to dig wells.

iv) Nearly a lakh of acres are held as property of temples and religious institutions. These lands are leased out for cultivation to hereditory lessees at very low rates. Cultivation is done in a haphazard manner and the yields from these lands are very low. If these lands are cultivated under departmental supervision by proper manuring and use of improved

seeds for sowing, there will be an increase in the total output from these lands.

Sd.C.Vijayaraghavan,
For Director of Agriculture.

/True Copy/

STATEMENT:

Statement shwoing the Grow More Food Schemes sanctioned and completed in the various divisions in Tanjore Circle during last 5 years for increasing areas and production.

S.No.	Name of work.	Amount of Estimate.	Authority for sanction.	Area benefited.	Extra yield of food grains expected.	Remarks
	Cauvery division.	a)15,000	G.O.Ms.No. 4223,P.W. d/18-11-42.	a)2,680 b) 364	a)800 tons b)100 tons	C -do
1.	Providing(a) direct source of supply to Konakadungalur from Cauvery & b)drainage improvements to Angudi & Pasar lands.	b)14,000 29,500				
2.	Providing direct source of Irrigation from Cauvery to Nadupadugai lands between Cauvery & Kodamurutti regulators.	1,82,050/-	G.O.ms.No. 401 dated 4-3-1943.	1879	1000 tons	-do-
3.	Increasing the Ventway of aluice in Upland drainage channel for Thogur lands.	400/-		50	38 "	-d
4.	Improvements to supply to Kovilady inam lands by giving supply from Kovilady Thirappu channel.	60/		640	480 "	-
5.	Excavation of a channel for irrigating lands in Vanarangudi village.	46,600/-	G.O.Ms.No. 2387/ d/ 24-8-44.	1 846	250 "	-d
6.	Excavating ~~of the channel for~~ Maruthangudi channel for irrigating certain lands in Mayavaram and Shiyali taluk.	13,015/-	G.O.Ms.No. No.1906 d/ 24-8-44.	443	443 "	-do
7.	Providing irrigation facilities to Agra Elathur village in Shiyali taluk	1,130	S.E's No. 50-c-d/ 21-1-44 e.e.'s	22	22 "	-do
8.	Shifting the head of Kovilady thirappu channel of Cauvery to above Cauvery regulator	2,900	~~S.E's~~ No. 869-44-B2 d/ 17-4-44.	224	199 "	-do

1.	2.	3.	4.	5.	6.	7.
9.	a)Providing direct source of supply to Pillai veikal No.2 from Cauvery and b) Excavating a straight cut for the drainage of Adappampallam lands from the existing glap, ~~xxxxxx~~ outlet to the Cauvery a) 9,580 b) 7,350 16,930		G.O.Ms.No. 1545/- d/29-5-44,	1,032	464 tons	Completed.
10.	Constructing a notch across Cauvery Agaram channel in Vanagiri limits	170	Sanctioned by the Executive Engineer	60	50 "	-do -
11.	Constructing a surplus dam at Karunkattu odappu inpoorambur channel.	850	-do-	287	167 "	-do-
12.	Restoring the distributory and piping open offtakes for improving irrigation in Nemmeli village Nannilam taluk.	410	Sanctioned by the Executive Engineer.	84	64 "	-do-
13.	Providing Irrigation facilities to lands in vallamperambur Nagathi etc Village Voikal No.3.	55,700	G.O.Ms.No. 1235,PlW. d/~~21~~-6-44.	712 ~~xxx~~	195 " ~~xx~~	-do-
14.	Providing irrigation facilities to lands in Rajendran Narasanayakapuram villages from Rajandram channel.	23,290	G.O.Ms.No. ~~1702~~/ d/ 24-6-44.	268	75 "	-do-
15.	Providing irrigation facilities to lands in prathaparam-puram etc villages under Kavery kondanar.	43,125	G.O.Ms.No. 1702/ d/ 14-6-44.	392	~~xxx~~ 112 "	-do
	GRAND ANCIUT CANAL DIVISION.					
16.	Providing irrigation facilities to lands in Arantangi taluk under Tiruvappadi channel.	8,800	G.O.Ms.No. 1936 d/ 17-9-~~43~~.	438	229 "	Completed.
17.	Providing irrigation and drainage facilities for lands in Kambayanatham villages and abandoning Mottori tank in Papanasam taluk.	21,500	G.O.Ms.No. 1446/ d/ 19-5-44.	140	140 "	-do.
	SOUTH ARCOT DIVISION.					
18.	Excavating a channel on the right side of Vadakkandal Anicut across Gomuki river to feed 7 rain fed tanks.	97,500	G.O.Ms.No. 2741 d/ 3-10-44.	740	555 "	-do-
19.	Giving irrigation facilities to dry lands in Karungadi village from Vadavar, Chiddambaram taluk.	1,037	C.I.E.I's No.2988/ 43.B.E.P. 18-1-44.	8~	82 "	

1.	2.	3.	4.	5.	6.	7.
20	Improvements to the Karungaler drain by extending the Colereon flood bank and providing drainage outlet.	G.O.Ms.No. 1878/ P.W. d/1-6-44. 16,000		1,437	100 tons	Completed.

RIVER CONSERVANCY DIVISION.

21.	Constructing a sluice at 3/7 of North Bank Canal for providing irrigation facilities to.M.Puthur lands.	Approved in S.E.'sNo. 1443- 1 dp 8-9-44. 3,000	136	80 tons 6,145 tons.	Completed.

Sd.../..1..
GAZETTED ASSISTANT.

/True Copy/

THE GUNTUR DISTRICT.

Distribution of manures in tons.	1942-43	1943-44	1944-45	1945-46	46-47
Ground nut cake.	--	38	2	1328	1920
Caster cake.	--			19	76
Bonemeal.	--	4	31	13	33
Amonium sulphate.	--	XX	18	84	215
Distribution of seeds in tons.					
Paddy seeds of improved strains.	2	2	2	325	291
Green Manure seeds.	2	2	7	21	23

Grant of Takkavi loans to ryots.
For purchase of seeds and manures. Rs.3,430/- Rs.44,045/-

Rs.171205 37,639

/True Copy/

Sd.....
GAZETTED ASSISTANT.

Statement showing the distribution of seeds manures and Takkavi loans for the last 5 years is furnished hereunder.

East Godavari, West Godavari and Kistna District.

Particulars.	1942-43	1943-44	1944-45	1945-46	1946-47
W.Godavari District.		Tons. Lbs.	Tons. Lbs.	Tons. Lbs.	Tons. Lbs.
Oil Cakes.		3472 840	4826 1207	10437	292
Chemical Manures.		530 917	1086 891	1211	259
Takkavi loans	Rs.8183/	78,925/-	360875.	Rs.642415/-	Rs.319580/-

Kistna Dt.	1942-43 Tons	1943-44 Tons	1944-45 Tons	1945-46 Tons	1946-47 Tons
Oil cakes	4923	3905	6822	6453	12,753
Chemical Manures.	..	..	359	322	410
Paddy seeds.	187	134	1127	874	530
Takkavi Loans.	1,50,000	5,66,000	Rs.7,50,000	Rs.7,70,000	Rs.6,20,000

East Godavari District.	Tons.lbs.	tons lbs.	Tons lbs.	Tons lbs.	Tons l
Oil cakes.	741-1353	9017- -6	3353-2080	6467-1319	8833-
Other manures	57- 320	151--247	530- 478	822-1620	497-7
Paddy seeds.	767- 607	865-1214	297- 532	653- 972	540-1
Takkavi Loans.	2,704/-	Rs.1,66,825/-	Rs.3,95,725.	Rs.7,85,678.	Rs.51

/True Copy/

Sd. X X X X

Gazetted Assistant.

/True Copy/

Sd.....

For Joint Secretary.

/True Copy/

C.M.P. Area.

THE CAUVERY DELTA - TANJORE DISTRICT.

	1944-46	1945-46	1946-47	1947 -48.
1. Area reclaimed.	52,000 acres	15,000 acres	3,000 acres	3,000 acres.
Date of opening the C.M.P.canal.	25th May 1948	1st June 1945.	1st July 1946	1st June 1947.
2. Distribution of Ground Nut oil cake.	502 tons -856 lbs	T.580-1140 lbs	T.560 -160 lbs	T.891-1793 lbs
Ammonium Sulphate.	140 " 1440 "	185 28 "	223 -358 "	391-1262 1/2 lbs
Ammonium Phosphate.	14 " 44 "	11-2000 1/2	42 -2207 "	42- 820 1/2 lbs
Super Phosphate.	... ...	10-1414 "	15 -1793 "	21-1568 "
Bonemeal and Smews.	8 " 2040 "	6-776 "	4-1040 "	1-1608 1/2 lbs
Green Manure Seeds.	21 " 1456 "	571-960 "	20-1582 "	25-1070 ".
Paddy Seeds.	327 " 1755 "	250-670 "	261-920 "	186-1254 ".
Vegetable Seeds.	31 lbs 455 packets	34 lbs 211 packets	40 lbs.435 pkts.	46 lbs. 468 pkt.
3. Area under Paddy Crpps.				
Area under Paddy Crops.	1,76,539 acres.	1,77,692 acres.	1,77,792 acres.	1,78,270 acres.
Area under Maize.	419 acres.	469 acres.	582 acres.	603 acres.
Area under Ragi	563 acres.	673 acres.	731 acres.	823 acres.
Area under Varagu.	500 acres.	5 00 acres.	544 acres.	586 acres.
Other Cereals.	193 acres.	214 acres.	235 acres.	294 acres.
4. Amount of Takkavi loans for the purchase of seeds,manures and implements, issued.	Rs.1,25,000/-	Rs.1,28,475/-	Rs.72,180/-	Rs. 68,460/-

Sd. GAZETTED ASSISTANT.

/ True Copy /

Non C.M.P. Area.

S.No.	Particulars.	1942-43	1943-44	1944-45	1945-46	1946-47.
1.	Improved se ds distributed -Paddy.	3,64,317 lbs	7,50,814 lbs	20,16,663 lbs	5,83,410 lbs	7,59,120 lbs
2.	Green Manure (n acres).	1,77,402	2,04,952	1,86,198	1,55,337	61,846
3.	Loan amounts distributed for the purchase of					
	a) Seeds and manures.	Rs.29,999/8/0	Rs.1,32,281/-	Rs.1,00,587/-	Rs.1,47,795/-	Rs.1,02,280/-
	b) Implements.	Rs. 999/-	Rs. 666/-	Rs. 680/-	60/-	Rs. 500/-
4.	Distribution of Manures.					
	a) Oil cakes-	3,457 tons	10,24 tons	1,704 tons	3,426 tons	7,803 tons
	nb) Fertilizers and other manures.	277 1/2 tons	42 1/4 tons	1,500 3/4 tons	1,013 tons	1,701 tons
5.	Area under seed farm					
	a) Paddy (in acres)	2,500	6,635-55	2,371-000	2,495-00	1,990-00
	b) Green Manure.(")	..	..	..	..	9,354-00

Sd.GAZETTED ASSISTANT.

/True Copy/

KP/2/9/53.

GROW MORE FOOD--WORK DONE BY THE AGRICULTURAL DEPARTMENT IN THE PERIYAR AND THAMBAKAPARANI TRACT

Details.	1942-43 Tons lbs	1943-44 Tons lbs	1944-45 Tons lbs	1945-46 Tons lbs	1946-47 Tons lbs	Remarks.
1. Distribution of improved varieties of seeds of food crops -						
Periyar area	37--1276	87--488	84--1734½	307--1859	343--468½	
Tambaraparani areas...	38--2105	36--890	148--1010	648-- 139	784--2146	
2. Distribution of manure -Oilcakes Fertiliser and others	..	..	..	..	..	
Periyar area	..	3413--0	2318--0	6458--70	14872-1625½	
Thambaraparani area	..	...	1453-1546	4250--0	8231--268	
3. Distribution of Green manure seeds						
Periyar area.	17--301	11--1590	13-1380	19-1146	23-1298	
Thambaraparani area.	8--39	6--868	12-1876	21-1086	10-536	
4. Takkavi loans granted.						
Periyar area.	Rs.25,000/--	Rs.1,00,000/-	Rs. 1,75,000/-	Rs. 1,39,710/-	Rs. 48,260/-	
Thambaraparani area.	6 ,800/-	25,000/-	24,254/-	25.000/-	11,070/-	
5. Agricultural Implements.						
Periyar area.	200/-	--	2,000/-	1,000/-	1,000/-	
Thambaraparani area.	470/-8/0.	--	516/-	1,280/-	813/-	

/True Copy/

KP/20/8/-.

- Development Department.

Sub: Agriculture - G.M.E. - Cultivation of lands in deltaic areas - Question in the Central Assembly.

Ref: From the Government of India, Department of Agriculture, No.118-Accts/47 dated 28th February 1947.
Government Endorsement No.22036 A.III/47-1, dated 15th March 1947.
From the Director of Agriculture, No.590/47, dated 19th March 1948.
From the Board of Revenue, No.3784, dated 8-6-1948.

To A.S.

The question asked by Mr. Ahmed E.H. Jaffar in the Central Assembly on 17-2-1947 regarding the production of more food in deltaic areas and the Central Government's reply thereto will be found on pages 3-9 c.f. The Govt. of India have desired that this Government may consider the possibilities of stimulating food production in the deltaic regions of this Province. The Director of Agriculture was asked to examine the question in consultation with the Chief Engineer (Irrigation) and submit a report through the Board of Revenue. The report of the Director of Agriculture and the remarks of the Board of Revenue thereon will be found on pages 12-29 c.f. The Chief Engineer (Irrigation) does not seem to have furnished to the Director of Agriculture any remarks yet as will be seen from the routine file.

The question of improving the yield in deltaic areas is largely in the hand of the Irrgn. department.
sd. x x x,

2. In para 5 of his letter on page 13 c.f. the Director of Agriculture has made four suggestions for extending the area under paddy in the Cauvery delta and for increasing the yield in the existing areas. The remarks of the Board of Revenue on these suggestions will be found in paras 2 to 7 on pages 28-29 c.f. They are briefly noted on below:

SUGGESTION (1): EXTENSION OF NAGADI CHANNEL:-The Board suggests that the C.E.(I) may be consulted in the matter.
sd.x x The P.W.D. may be requested to pursue the question taking necessary extracts from this file.

SUGGESTION (2) - DRAINAGE: The question of staff referred to by the Board is being dealt with in the
sd. x x x Revenue Department. That Department may be see for remarks.

SUGGESTION (3) - DIGGING OF WELLS: The Board suggests that about 2,000 wells may be dug during 1949 with a Government subsidy of Rs.3 lakhs (2,000 x 150) as a subsidiary scheme under the existing New Well Subsidy Scheme.
sd. x x x The Revenue Department may be requested to pursue the proposal taking necessary extracts from this file.

SUGGESTION (4) - BRINGING LANDS OWNED BY TEMPLES AND RELIGIOUS INSTITUTIONS UNDER THE SUPERVISION OF THE AGRICULTURE DEPARTMENT:-The remarks of the Board of Revenue, will be found in para 7 on p.29 c.f. The Firka Development
sd. x x x Department may be requested to pursue the proposal taking necessary extracts in this file. In this connection, it may be noted that in G.O.No.2222, Development, dated 3-5-1948, the Government have placed at the disposal of the Hindu Religious Endowments Board the services of three Agricultural Demonstrators free of cost for one year for investigating in detail the scope for increased cultivation of Temple and Math lands in the Province.

sd. x x x 3. The file may be sent to P.W.D.,,Revenue, and F.D. for remarks.

sd. x x x,
16-7-1948.

P.T.O.

Public Works Department (N)

A.S.

The notes of Development Department from page 1 ante may be perused. Necessary extracts from the c.f. and n.f. may be taken for further action, in this department as suggested in Development. (With reference to 'B' at page 2 ante) it is observed from page 41 of the routine file below that the Director of Agriculture has obtained the remarks of the Chief Engineer (Irrigation) before he submitted the report at pages 11-27 c.f.) A copy of the Chief Engineer (Irrigation)'s remarks will be obtained separately.

2. The file may be passed on to Revenue.

sd. x x x,
24-7-48

Revenue Department.

To A.S.

This file has been sent to this Department with reference to 'X' on page 2 ante and 'Y' on pages 2-3 ante.

2. 'X' on page 2 ante: In G.O.No.1555, Revenue, dated 30-6-1948, the staff referred to by the Board has been sanctioned. Development may be informed accordingly.

3. 'Y' on pages 2-3 ante:-Necessary extracts have been taken for further action in this Department.

4. With these remarks the file may be passed on to Firka Development.

sd. x x x,
14-8-48.

Firka Development Department

This file has been sent to this Department with reference to suggestion 4 on page 3 ante. Necessary extracts have been taken for further action. The file may be returned to Development, u.o.

sd. x x x,
20-8-48.

Development Department.

To A.S.

Please see the notes of Revenue Department and P.W. and Firka Development Departments from page 4 above. No further action is pending in this file. The papers may be recorded.

sd. x x x,
31-8-48.

G.O.Ms.No.4595, d/8-9-48.

Abs: Agriculture - G.M.F. - Cultivation of lands in deltaic areas - Question in the Central Assembly- Further action - Papers - Recorded.

/True Copy/

RS/

OFFICE ASSISTANT, ~~M.R.O.~~
Madras Records Office